

Title (en)

Process for the preparation of 2-formyl-3,3-dimethyl-cyclopropanecarboxylic acid esters.

Title (de)

Verfahren zur Herstellung von 2-Formyl-3,3-dimethyl-cyclopropan-1-carbonsäureestern.

Title (fr)

Procédé de préparation d'esters d'acide 2-formyl-3,3-diméthyl-cyclopropanecarboxylique.

Publication

**EP 0022208 A1 19810114 (DE)**

Application

**EP 80103522 A 19800624**

Priority

DE 2927133 A 19790705

Abstract (en)

1. Process for the preparation of 2-formyl-3,3-dimethyl-cyclopropane-1-carboxylic acid esters of the formula I see diagramm : EP0022208,P4,F1 in which R represents alkyl or optionally substituted aralkyl, characterized in that 2-cyano-3,3-dimethyl-cyclopropane-1-carboxylic acid esters of the formula II see diagramm : EP0022208,P4,F2 in which R has the meaning indicated above, are reacted with formic acid in the presence of catalysts which are used for catalytic hydrogenation, at temperature between 0 and 150°C.

Abstract (de)

Es wurde ein Verfahren zur Herstellung von 2-Formyl-3,3-dimethyl-cyclopropan-1-carbonsäureestern der Formel I <IMAGE> in welcher R für Alkyl oder für gegebenenfalls substituiertes Aralkyl steht, gefunden, welches dadurch gekennzeichnet ist, daß man 2-Cyano-3,3-dimethyl-cyclopropan-1-carbonsäureester der formel II <IMAGE> mit Ameisensäure in Gegenwart eines Katalysators bei Temperaturen zwischen 0 und 150°C umsetzt.

IPC 1-7

**C07C 69/74**; **C07C 67/313**

IPC 8 full level

**C07C 47/293** (2006.01); **C07C 62/16** (2006.01); **C07C 67/313** (2006.01); **C07C 69/74** (2006.01); **C07C 69/743** (2006.01); **C07C 69/757** (2006.01); **C07C 45/44** (2006.01)

IPC 8 main group level

**C07C** (2006.01)

CPC (source: EP)

**C07C 67/313** (2013.01); **C07C 2601/02** (2017.04)

Citation (search report)

- DE 2615160 A1 19761021 - ROUSSEL UCLAF
- CHEMICAL ABSTRACTS Band 76, Nr. 11 13. März 1972 Columbus, Ohio, USA T. VAN ES et al. "Aldehydes from aromatic nitriles. p-Formylbenzenesulfonamide" Seite 430, Spalte 1, Abstract Nr. 59164d & Org. Syn. Band 51, 1971, Seiten 20 bis 23.

Cited by

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DOCDB simple family (application)

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